

## Screw compact terminal block - PT 2,5/ 3-7,5-H-S - 1705708

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PCB terminal block, Nominal current: 32 A, Nom. voltage: 800 V, Pitch: 7.5 mm, Number of positions: 2, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green



### Key commercial data

Packing unit	250 pc
Minimum order quantity	250 pc
GTIN	
Weight per Piece (excluding packing)	4.03 g
Custom tariff number	85369010
Country of origin	Poland
Note	Made to Order (non-returnable)

### Technical data

#### Dimensions

Length	9 mm
Height	13.5 mm
Pitch	7.5 mm
Dimension a	15 mm
Pin dimensions	1,0 mm
Pin spacing	7.5 mm
Hole diameter	1.3 mm

#### General

Range of articles	PT 2,5/..-H
Insulating material group	I
Rated surge voltage (III/3)	6 kV
Rated surge voltage (III/2)	6 kV
Rated surge voltage (II/2)	6 kV
Rated voltage (III/3)	500 V

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## Technical data

### General

Rated voltage (III/2)	800 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	32 A
Nominal cross section	2.5 mm <sup>2</sup>
Maximum load current	32 A
Insulating material	PA
Solder pin surface	Sn
Inflammability class according to UL 94	V0
Internal cylindrical gage	A3
Stripping length	6.5 mm
Number of positions	2
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.5 Nm

### Connection data

Conductor cross section solid min.	0.75 mm <sup>2</sup>
Conductor cross section solid max.	6 mm <sup>2</sup>
Conductor cross section stranded min.	0.75 mm <sup>2</sup>
Conductor cross section stranded max.	4 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.75 mm <sup>2</sup> The technical data regarding clamping with ferrules applies only when using crimping pliers ZA 3. When using ferrules, it is necessary to take into account possible restrictions regarding nominal voltage.
Conductor cross section stranded, with ferrule without plastic sleeve max.	4 mm <sup>2</sup> The technical data regarding clamping with ferrules applies only when using crimping pliers ZA 3. When using ferrules, it is necessary to take into account possible restrictions regarding nominal voltage.
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.75 mm <sup>2</sup> The technical data regarding clamping with ferrules applies only when using crimping pliers ZA 3. When using ferrules, it is necessary to take into account possible restrictions regarding nominal voltage.
Conductor cross section stranded, with ferrule with plastic sleeve max.	4 mm <sup>2</sup> The technical data regarding clamping with ferrules applies only when using crimping pliers ZA 3. When using ferrules, it is necessary to take into account possible restrictions regarding nominal voltage.
Conductor cross section AWG/kcmil min.	18
Conductor cross section AWG/kcmil max	10
2 conductors with same cross section, solid min.	0.75 mm <sup>2</sup>
2 conductors with same cross section, solid max.	2.5 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.75 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	2.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.75 mm <sup>2</sup>

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## Technical data

### Connection data

2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm <sup>2</sup> The technical data regarding clamping with ferrules applies only when using crimping pliers ZA 3. When using ferrules, it is necessary to take into account possible restrictions regarding nominal voltage.
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.75 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm <sup>2</sup> The technical data regarding clamping with ferrules applies only when using crimping pliers ZA 3. When using ferrules, it is necessary to take into account possible restrictions regarding nominal voltage.

## Classifications

### eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27141109
eCl@ss 5.0	27141190
eCl@ss 5.1	27141190
eCl@ss 6.0	27261101
eCl@ss 7.0	27440401
eCl@ss 8.0	27440401

### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002643
ETIM 5.0	EC002643

### UNSPSC

UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432
UNSPSC 11	34131203
UNSPSC 12.01	39121432
UNSPSC 13.2	39121432

## Approvals

### Approvals

Approvals

UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

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## Approvals

Approvals submitted

### Approval details

UL Recognized			
	B	C	D
mm <sup>2</sup> /AWG/kcmil	20-12	20-12	20-12
Nominal current I <sub>N</sub>	20 A	20 A	10 A
Nominal voltage U <sub>N</sub>	300 V	150 V	300 V

cUL Recognized			
	B	C	D
mm <sup>2</sup> /AWG/kcmil	20-12	20-12	30-12
Nominal current I <sub>N</sub>	20 A	20 A	10 A
Nominal voltage U <sub>N</sub>	300 V	150 V	300 V

cULus Recognized			
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## Accessories

### Accessories

#### Labeled terminal marker

Marker card - SK 7,5/3,8:FORTL.ZAHLEN - 0804455



Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 100, Mounting type: Adhesive, for terminal block width: 7.5 mm, Lettering field: 7.5 x 3.8 mm

### Screwdriver tools

## Screw compact terminal block - PT 2,5/ 3-7,5-H-S - 1705708

### Accessories

Screwdriver - SZS 0,6X3,5 - 1205053



Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

### Drawings

Drilling diagram

